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NATIONAL COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

Vol. 16, No. 12

WEEKLY REPORT

Week Ending March 25, 1967

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL

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INTERNATIONAL NOTES

SMALLPOX IMPORTED INTO GERMANY FROM INDIA

A Hanover, Germany, dermatologist is the third patient with imported smallpox to be identified in Europe since March 5. He apparently became ill 2 days before leaving Bombay on March 23 and had facial lesions on arrival in Hanover the same day. Smallpox virus was recovered from these lesions. His travels in India included visits to New Delhi and to Yaitur (March 4 and 10 respectively) where he was reported to have been exposed to smallpox. He gave a history of revaccinations in 1966 and in February 1967, both accompained by minimal reaction.

The patient flew from Bombay to Frankfurt on Air India flight 107 leaving Bombay about 1:00 a.m. After intermediate stops in Beirut and Rome, he deplaned in Frankfurt and traveled to Hanover aboard Lufthansa flight 541. Air India flight 107 meanwhile flew on to London and John F. Kennedy Airport in New York City.

A total of 15 passengers known to have been on Air India flight 107 subsequently entered the USA and proceeded to destinations in Maryland, Texas, Wisconsin,

(Continued on page 94)

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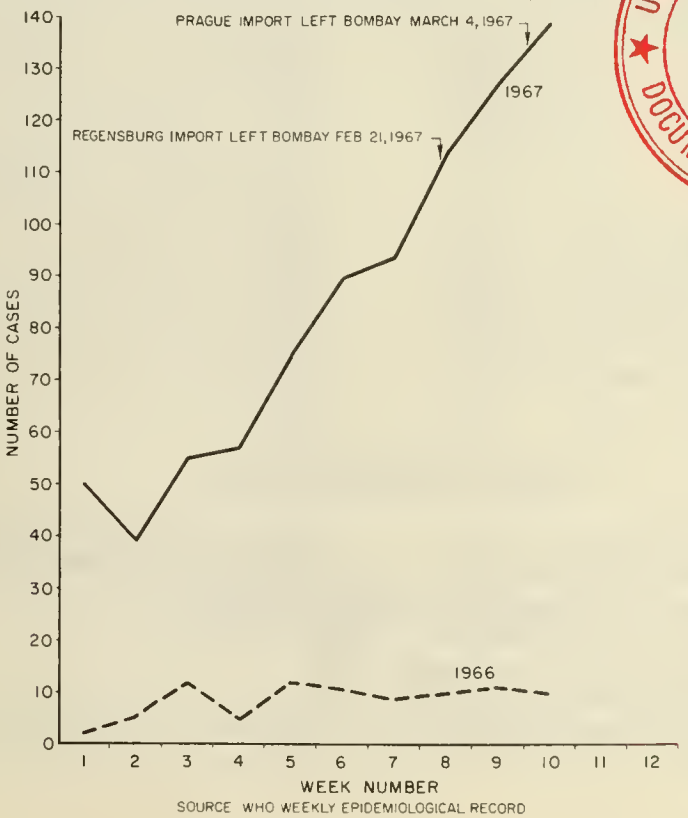
Figure 1

SMALLPOX CASES BY WEEK OF REPORT – BOMBAY, INDIA – 1966 AND 1967



SOURCE WHO WEEKLY EPIDEMIOLOGICAL RECORD

SMALLPOX IMPORTED INTO GERMANY FROM INDIA

(Continued from front page)

Table 1
Cases of Imported Smallpox – Europe, 1967

Import No.	Place	Patient's Occupation	Date Entry	Date Onset	Source	Vacc. History	Severity
1	Regensburg (Germany)	Shopkeeper	2-22	3-3	Bombay	Childhood? revacc. 1965	Fulminating
2	Prague (Czech.)	Airline crewman	3-5	3-7	Bombay	Revacc. 1966 unsucc.	Atypical rash
3	Hanover (Germany)	Dermatologist	3-23	3-21	New Delhi or Yaitur	Revacc. 1967 ? success	Very mild few lesions

Virginia and Puerto Rico. Three others traveled to Canada and Venezuela after in-transit stopovers at the John F. Kennedy Airport.

On March 27, the names and addresses of persons bound for each State were provided to the responsible State Epidemiologist who immediately arranged with local health officers to locate these individuals and institute surveillance procedures. Surveillance will include daily health status inquiries and temperature recordings through April 8 (16 days after last exposure to smallpox).

Identifying information for those persons traveling to other countries was provided to the pertinent health agencies through international channels.

The epidemiological characteristics of the Hanover case are compared in Table 1 with those of the two cases previously imported into Europe (see also MMWR, Vol. 16, Nos. 9 and 10).

Notifications received by the World Health Organization during the first 10 weeks of 1967 (through week ending March 11) show a total of 6,452 cases (including imported cases) of smallpox reported from India. This total is almost twice as large as the 3,236 cases of smallpox reported during the first 10 weeks of 1966.

Notable increases have been observed in Bombay (Maharasthra State), Nagpur (Maharasthra State), Gaya (Bihar State), Kanpur (Uttar Pradesh State), Lucknow (Uttar Pradesh State), and Visakhapatnam (Andhra Pradesh State). From these cities, a total of 1,812 cases with 766 deaths were reported through the week ending March 11, 1967, as compared with 105 cases and 38 deaths during the similar period of time in 1966. Of this year's total, 840 cases and 346 deaths were reported from Bombay.

The pattern of smallpox occurrence in Bombay, 1967, is shown in Figure 1 as compared with the similar period in 1966. Dates of departures are noted for the patients who acquired their infection in Bombay.

(Reported by Dr. Huston K. Spangler, MOC, PHS Foreign Quarantine Program, American Consulate, Munich; data compiled from Weekly Epidemiological Record, WHO)

On March 27, 1967 the National Communicable Disease Center sent the following telegram to State and Territorial Health Officers; Executive Vice President, American Medical Association; Director, American Hospital Association; Regional Offices, U.S. Public Health Service; and the Foreign Quarantine Program:

"Reports to the World Health Organization and the Foreign Quarantine Program indicate that smallpox is on the increase in several areas of India and can be considered epidemic in Bombay. Incidence can be expected to increase for a number of weeks. Although no cases have occurred in the United States, three cases have been introduced into Europe, all in returning tourists, the most recent a physician with an apparently valid vaccination history. Urge high level of suspicion of any international traveler particularly with history of visit in India who presents symptons possibly related to smallpox-fever, backache and any type of rash. In partially immune persons, rash can be variable. Urge that all members of health professions and hospitals be alerted with particularly high priority given to international air and seaport cities. CDC ready to offer diagnostic support at 404-634-2561 on 24-hour coverage. The American Medical Association and American Hospital Association are cooperating in alerting the profession."

MEASLES VACCINE DISTRIBUTION

During the past 4 years, 20,956,383 doses of live measles virus vaccine were sold or distributed through December 1966 by manufacturers in the United States. This total is the supply designated for United States domestic and military dependent use and does not include supplies produced for foreign consumption. The number of doses distributed each year since vaccine licensure in March 1963 is shown in Table 3.

Table 3 – Doses of Live Measles Virus Vaccine Distributed For U.S. Domestic and Military Use by Year

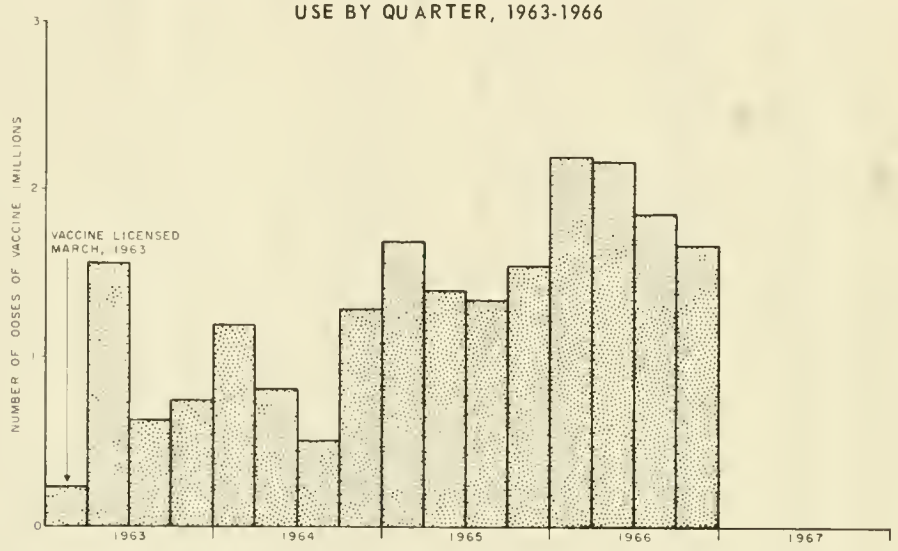
Year	Number of Doses
1963 (10 months)	3,179,416
1964	3,820,146
1965	6,027,582
1966	7,929,239
Total	20,956,383

The quarterly distribution of the U.S. domestic and military vaccine supply for the 4-year period 1963-66 is shown in Figure 2. It can be noted that there was a marked increase in vaccine distributed in 1965 and 1966. The licensing of additional companies for the production of vaccine explains this increase. The average number of doses distributed increased from approximately 300,000 each month during 1963 and 1964 to 500,000 during 1965 and 600,000 during 1966.

(Reported by the Childhood Viral Diseases Unit, Epidemiology Program, NCDC.)

Figure 2

NUMBER OF DOSES OF LIVE MEASLES VIRUS VACCINE DISTRIBUTED FOR DOMESTIC AND MILITARY USE BY QUARTER, 1963-1966



CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	12th WEEK ENDED		MEDIAN 1962 - 1966	CUMULATIVE, FIRST 12 WEEKS		
	MARCH 25, 1967	MARCH 26, 1966		1967	1966	MEDIAN 1962 - 1966
Aseptic meningitis	28	20	21	332	343	315
Brucellosis	4	6	6	44	46	70
Diphtheria	—	6	6	28	35	51
Encephalitis, primary:						
Arthropod-borne & unspecified	35	17	- - -	270	281	- - -
Encephalitis, post-infectious	21	17	- - -	152	195	- - -
Hepatitis, serum	43	25	908	440	270	11,290
Hepatitis, infectious	896	685		9,539	8,561	
Malaria	42	5	2	479	67	21
Measles (rubeola)	2,578	9,479	14,746	25,929	85,084	125,918
Meningococcal infections, total	42	125	79	702	1,185	746
Civilian	39	114	- - -	651	1,024	- - -
Military	3	11	- - -	51	161	- - -
Poliomyelitis, total	—	—	1	2	5	17
Paralytic	—	—	1	2	4	13
Rubella (German measles)	1,498	2,175	- - -	12,084	15,588	- - -
Streptococcal sore throat & scarlet fever	12,812	13,722	11,199	147,115	140,578	127,714
Tetanus	—	2	2	32	23	42
Tularemia	3	3	3	27	49	52
Typhoid fever	7	5	5	63	59	75
Typhus, tick-borne (Rky. Mt. spotted fever)	—	—	—	7	10	3
Rabies in animals	95	135	110	956	958	926

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum		Cum.
Anthrax	1	Rabies in man	—
Botulism	—	Rubella, Congenital Syndrome	—
Leptospirosis	8	Trichinosis: Mass.-1	19
Plague	—	Typhus, murine	5
Psittacosis: Calif.1	9		

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

MARCH 25, 196" AND MARCH 26, 1966 (12th WEEK)

AREA	ASEPTIC MENINCITIS		BRUCELLOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			
					Primary including unsp. cases		Post-Infectious	Serum		Infectious	
	1967	1966	1967	1967	1967	1966	1967	1967	1966	1967	1966
UNITED STATES...	28	20	4	-	35	17	21	43	25	896	685
NEW ENGLAND.....	-	1	-	-	1	2	-	-	1	38	17
Maine.....	-	-	-	-	-	-	-	-	-	5	2
New Hampshire.....	-	-	-	-	-	-	-	-	-	1	-
Vermont.....	-	-	-	-	-	-	-	-	-	1	1
Massachusetts.....	-	1	-	-	1	-	-	-	-	27	10
Rhode Island.....	-	-	-	-	-	-	-	-	1	-	2
Connecticut.....	-	-	-	-	-	2	-	-	-	4	2
MIDDLE ATLANTIC.....	-	2	-	-	3	3	2	25	14	220	103
New York City.....	-	-	-	-	2	-	-	21	9	57	28
New York, up-State.	-	-	-	-	1	2	1	-	1	23	30
New Jersey.....	-	1	-	-	-	1	-	3	4	103	12
Pennsylvania.....	-	1	-	-	-	-	1	1	-	37	33
EAST NORTH CENTRAL...	-	1	-	-	9	6	1	1	2	139	142
Ohio.....	-	-	-	-	6	2	-	-	1	21	32
Indiana.....	-	1	-	-	2	2	-	-	-	22	9
Illinois.....	-	-	-	-	-	1	1	-	1	29	42
Michigan.....	-	-	-	-	1	1	-	1	-	49	57
Wisconsin.....	-	-	-	-	-	-	-	-	-	18	2
WEST NORTH CENTRAL...	-	-	-	-	1	2	-	-	1	78	47
Minnesota.....	-	-	-	-	-	-	-	-	-	11	7
Iowa.....	-	-	-	-	-	-	-	-	-	-	20
Missouri.....	-	-	-	-	-	-	-	-	1	63	12
North Dakota.....	-	-	-	-	-	-	-	-	-	2	-
South Dakota.....	-	-	-	-	-	2	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	-	-	-
Kansas.....	-	-	-	-	1	-	-	-	-	2	8
SOUTH ATLANTIC.....	7	5	1	-	3	1	7	2	1	70	68
Delaware.....	1	3	-	-	-	-	-	-	-	3	1
Maryland.....	1	-	-	-	-	-	2	2	-	15	19
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	1	2
Virginia.....	-	-	-	-	2	-	3	-	-	19	6
West Virginia.....	3	-	-	-	-	-	-	-	-	9	7
North Carolina.....	1	-	-	-	1	-	-	-	-	7	13
South Carolina.....	-	-	-	-	-	-	-	-	-	1	1
Georgia.....	-	-	1	-	-	-	-	-	-	9	2
Florida.....	1	2	-	-	-	1	2	-	1	6	17
EAST SOUTH CENTRAL...	6	-	1	-	-	-	2	-	-	74	77
Kentucky.....	2	-	1	-	-	-	-	-	-	28	36
Tennessee.....	2	-	-	-	-	-	2	-	-	21	28
Alabama.....	-	-	-	-	-	-	-	-	-	5	8
Mississippi.....	2	-	-	-	-	-	-	-	-	20	5
WEST SOUTH CENTRAL...	5	3	1	-	2	1	1	-	-	68	65
Arkansas.....	-	-	-	-	2	1	-	-	-	-	12
Louisiana.....	2	-	-	-	-	-	-	-	-	7	11
Oklahoma.....	-	-	-	-	-	-	-	-	-	3	7
Texas.....	3	3	1	-	-	-	1	-	-	58	35
MOUNTAIN.....	-	-	-	-	10	1	-	-	-	39	22
Montana.....	-	-	-	-	-	-	-	-	-	6	2
Idaho.....	-	-	-	-	-	-	-	-	-	1	-
Wyoming.....	-	-	-	-	-	-	-	-	-	8	-
Colorado.....	-	-	-	-	-	-	-	-	-	7	4
New Mexico.....	-	-	-	-	-	1	-	-	-	11	1
Arizona.....	-	-	-	-	10	-	-	-	-	-	12
Utah.....	-	-	-	-	-	-	-	-	-	6	3
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	10	8	1	-	6	1	8	15	6	170	144
Washington.....	-	1	-	-	-	-	1	-	-	12	5
Oregon.....	-	-	-	-	-	-	-	-	-	16	45
California.....	10	7	1	-	6	1	7	15	6	140	93
Alaska.....	-	-	-	-	-	-	-	-	-	2	-
Hawaii.....	---	-	---	---	---	-	---	---	-	---	1
Puerto Rico	1	-	-	-	-	-	-	-	-	16	28

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

MARCH 25, 1967 AND MARCH 26, 1966 (12th WEEK) CONTINUED

AREA	MALARIA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			POLIOMYELITIS			RUBELLA
			Cumulative			Cumulative		Total	Paralytic		
	1967	1967	1967	1966	1967	1967	1966	1967	1967	Cum. 1967	1967
UNITED STATES...	42	2,578	25,929	85,084	42	702	1,185	-	-	2	1,498
NEW ENGLAND.....	-	27	288	1,028	2	26	58	-	-	-	169
Maine.....	-	1	49	139	-	1	6	-	-	-	77
New Hampshire.....	-	-	61	12	-	1	7	-	-	-	4
Vermont.....	-	-	21	163	-	-	2	-	-	-	1
Massachusetts.....	-	24	107	376	1	13	24	-	-	-	39
Rhode Island.....	-	-	21	48	-	-	4	-	-	-	2
Connecticut.....	-	2	29	290	1	11	15	-	-	-	46
MIDDLE ATLANTIC.....	1	70	816	11,148	2	85	127	-	-	1	51
New York City.....	-	11	130	5,631	1	16	23	-	-	1	20
New York, Up-State.	-	17	186	1,230	-	25	30	-	-	-	31
New Jersey.....	-	14	202	1,179	1	33	39	-	-	-	-
Pennsylvania.....	1	28	298	3,108	-	11	35	-	-	-	-
EAST NORTH CENTRAL...	-	155	2,137	33,399	9	70	173	-	-	-	248
Ohio.....	-	38	336	2,355	5	30	47	-	-	-	7
Indiana.....	-	18	244	2,043	3	8	24	-	-	-	27
Illinois.....	-	12	326	7,282	1	14	36	-	-	-	25
Michigan.....	-	20	461	5,183	-	13	51	-	-	-	84
Wisconsin.....	-	67	770	16,536	-	5	15	-	-	-	105
WEST NORTH CENTRAL...	3	76	1,158	3,899	3	34	63	-	-	-	94
Minnesota.....	-	2	48	1,148	2	7	13	-	-	-	-
Iowa.....	-	27	243	1,796	-	6	11	-	-	-	74
Missouri.....	1	10	39	279	-	9	25	-	-	-	6
North Dakota.....	-	29	481	631	-	-	3	-	-	-	14
South Dakota.....	-	-	38	3	1	5	2	-	-	-	-
Nebraska.....	-	8	309	42	-	6	3	-	-	-	-
Kansas.....	2	NN	NN	NN	-	1	6	-	-	-	-
SOUTH ATLANTIC.....	11	365	2,802	6,527	12	147	193	-	-	-	182
Delaware.....	-	4	24	91	-	5	1	-	-	-	4
Maryland.....	-	7	56	1,100	-	18	19	-	-	-	8
Dist. of Columbia..	-	1	9	282	-	-	3	-	-	-	1
Virginia.....	1	162	840	549	2	13	21	-	-	-	29
West Virginia.....	-	23	505	2,717	-	12	8	-	-	-	22
North Carolina.....	6	30	584	129	2	30	41	-	-	-	-
South Carolina.....	1	30	90	324	3	12	27	-	-	-	21
Georgia.....	3	1	10	150	-	28	32	-	-	-	-
Florida.....	-	107	684	1,185	5	29	41	-	-	-	97
EAST SOUTH CENTRAL...	10	222	3,080	9,791	5	69	101	-	-	-	160
Kentucky.....	10	72	1,009	3,190	2	20	51	-	-	-	61
Tennessee.....	-	85	949	5,446	2	30	27	-	-	-	99
Alabama.....	-	47	648	734	1	12	17	-	-	-	-
Mississippi.....	-	18	474	421	-	7	6	-	-	-	-
WEST SOUTH CENTRAL...	3	887	8,848	8,412	5	122	187	-	-	1	44
Arkansas.....	-	16	1,200	322	-	10	11	-	-	-	1
Louisiana.....	-	7	57	53	3	49	69	-	-	-	-
Oklahoma.....	3	7	1,619	165	-	7	7	-	-	-	-
Texas.....	-	857	5,972	7,872	2	56	100	-	-	1	43
MOUNTAIN.....	9	202	1,691	4,364	-	16	37	-	-	-	144
Montana.....	-	3	177	688	-	-	3	-	-	-	5
Idaho.....	-	12	171	510	-	1	1	-	-	-	-
Wyoming.....	-	1	13	80	-	-	1	-	-	-	-
Colorado.....	9	29	400	492	-	7	21	-	-	-	93
New Mexico.....	-	69	274	184	-	3	5	-	-	-	-
Arizona.....	-	35	354	2,283	-	2	5	-	-	-	44
Utah.....	-	53	138	120	-	1	-	-	-	-	2
Nevada.....	-	-	164	7	-	2	1	-	-	-	-
PACIFIC.....	5	574	5,109	6,516	4	133	246	-	-	-	406
Washington.....	-	273	2,565	1,495	1	11	13	-	-	-	65
Oregon.....	-	68	590	531	-	10	9	-	-	-	40
California.....	5	224	1,830	4,422	3	110	209	-	-	-	296
Alaska.....	-	9	73	24	-	2	12	-	-	-	5
Hawaii.....	---	---	51	44	---	-	3	---	---	-	---
Puerto Rico.....	-	107	820	956	-	7	1	-	-	-	3

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
MARCH 25, 1967 AND MARCH 26, (12th WEEK) CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967
UNITED STATES...	12,812	-	32	3	27	7	63	-	7	95	956
NEW ENGLAND.....	2,225	-	-	-	-	-	-	-	-	1	17
Maine.....	68	-	-	-	-	-	-	-	-	-	4
New Hampshire.....	20	-	-	-	-	-	-	-	-	1	7
Vermont.....	103	-	-	-	-	-	-	-	-	-	6
Massachusetts.....	254	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	95	-	-	-	-	-	-	-	-	-	-
Connecticut.....	1,685	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	689	-	4	-	-	-	9	-	-	3	20
New York City.....	33	-	2	-	-	-	6	-	-	-	-
New York, Up-State.	598	-	1	-	-	-	2	-	-	3	13
New Jersey.....	NN	-	-	-	-	-	-	-	-	-	-
Pennsylvania.....	58	-	1	-	-	-	1	-	-	-	7
EAST NORTH CENTRAL...	1,299	-	2	-	4	-	3	-	1	15	72
Ohio.....	204	-	-	-	-	-	1	-	1	9	34
Indiana.....	116	-	-	-	1	-	-	-	-	-	15
Illinois.....	393	-	2	-	3	-	-	-	-	4	13
Michigan.....	368	-	-	-	-	-	1	-	-	-	1
Wisconsin.....	218	-	-	-	-	-	1	-	-	2	9
WEST NORTH CENTRAL...	686	-	1	1	8	-	2	-	-	8	202
Minnesota.....	8	-	1	-	-	-	-	-	-	-	48
Iowa.....	305	-	-	-	1	-	2	-	-	1	19
Missouri.....	44	-	-	-	3	-	-	-	-	1	44
North Dakota.....	274	-	-	-	-	-	-	-	-	2	43
South Dakota.....	17	-	-	-	-	-	-	-	-	2	25
Nebraska.....	5	-	-	-	-	-	-	-	-	2	10
Kansas.....	33	-	-	1	4	-	-	-	-	-	13
SOUTH ATLANTIC.....	1,431	-	6	1	5	1	6	-	4	13	121
Delaware.....	17	-	-	-	-	-	-	-	-	-	-
Maryland.....	238	-	-	-	-	-	-	-	-	-	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	619	-	2	-	-	1	2	-	-	7	62
West Virginia.....	297	-	-	-	1	-	1	-	-	-	18
North Carolina.....	23	-	2	-	-	-	1	-	3	-	1
South Carolina.....	2	-	-	-	2	-	-	-	-	-	-
Georgia.....	8	-	-	1	2	-	-	-	1	2	23
Florida.....	227	-	2	-	-	-	2	-	-	4	17
EAST SOUTH CENTRAL...	1,533	-	9	-	2	-	8	-	1	27	263
Kentucky.....	376	-	-	-	-	-	4	-	-	7	51
Tennessee.....	1,019	-	5	-	2	-	1	-	1	12	195
Alabama.....	101	-	3	-	-	-	3	-	-	7	15
Mississippi.....	37	-	1	-	-	-	-	-	-	1	2
WEST SOUTH CENTRAL...	836	-	4	1	4	-	16	-	-	17	179
Arkansas.....	-	-	-	-	-	-	3	-	-	-	32
Louisiana.....	3	-	-	-	-	-	11	-	-	1	19
Oklahoma.....	81	-	-	-	3	-	-	-	-	6	39
Texas.....	752	-	4	1	1	-	2	-	-	10	89
MOUNTAIN.....	2,230	-	-	-	4	5	8	-	-	5	20
Montana.....	86	-	-	-	1	-	1	-	-	-	-
Idaho.....	151	-	-	-	-	-	-	-	-	-	-
Wyoming.....	30	-	-	-	-	-	-	-	-	-	-
Colorado.....	1,034	-	-	-	1	4	5	-	-	3	3
New Mexico.....	534	-	-	-	-	-	-	-	-	-	5
Arizona.....	165	-	-	-	-	1	2	-	-	2	12
Utah.....	230	-	-	-	2	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	1,883	-	6	-	-	1	11	-	1	6	62
Washington.....	437	-	-	-	-	-	-	-	-	-	-
Oregon.....	74	-	-	-	-	-	-	-	-	-	1
California.....	1,295	-	5	-	-	1	10	-	1	6	61
Alaska.....	77	-	-	-	-	-	-	-	-	-	-
Hawaii.....	---	---	1	---	-	---	1	---	-	---	-
Puerto Rico.....	4	-	2	-	-	-	4	-	-	1	7

Week No. 12

DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED MARCH 25, 1967

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza	Under 1 year
	All Ages	65 years and over	All Ages	All Causes
NEW ENGLAND:	828	515	50	29
Boston, Mass.	325	193	15	12
Bridgeport, Conn.	65	42	11	1
Cambridge, Mass.	20	18	4	-
Fall River, Mass.	32	19	2	1
Hartford, Conn.	66	35	4	4
Lowell, Mass.	30	17	-	1
Lynn, Mass.	20	17	-	-
New Bedford, Mass.	18	14	2	-
New Haven, Conn.	46	28	3	1
Providence, R. I.	50	28	1	4
Somerville, Mass.	13	9	-	1
Springfield, Mass.	47	28	5	1
Waterbury, Conn.	30	21	-	1
Worcester, Mass.	66	46	3	2
MIDDLE ATLANTIC:	3,269	2,001	135	130
Albany, N. Y.	39	22	3	4
Allentown, Pa.	37	27	1	1
Buffalo, N. Y.	154	87	5	6
Camden, N. J.	27	14	1	-
Elizabeth, N. J.	30	17	1	3
Erie, Pa.	36	25	2	1
Jersey City, N. J.	64	29	2	2
Newark, N. J.	61	40	4	1
New York City, N. Y.	1,671	1,012	62	66
Paterson, N. J.	34	24	-	1
Philadelphia, Pa.	530	331	17	24
Pittsburgh, Pa.	191	105	3	10
Reading, Pa.	47	33	4	-
Rochester, N. Y.	116	85	12	3
Schenectady, N. Y.	25	15	3	1
Scranton, Pa.	43	29	3	-
Syracuse, N. Y.	60	40	3	1
Trenton, N. J.	42	28	3	2
Utica, N. Y.	32	17	3	2
Yonkers, N. Y.	30	21	3	2
EAST NORTH CENTRAL:	2,773	1,600	89	123
Akron, Ohio	69	36	-	5
Canton, Ohio	36	21	2	3
Chicago, Ill.	781	419	22	35
Cincinnati, Ohio	179	123	9	2
Cleveland, Ohio	215	105	4	6
Columbus, Ohio	125	67	-	10
Dayton, Ohio	82	52	7	-
Detroit, Mich.	404	241	5	22
Evansville, Ind.	34	19	5	2
Flint, Mich.	57	31	1	6
Fort Wayne, Ind.	45	30	4	3
Gary, Ind.	57	28	3	2
Grand Rapids, Mich.	52	35	1	2
Indianapolis, Ind.	136	81	2	6
Madison, Wis.	38	15	-	2
Milwaukee, Wis.	105	69	5	4
Peoria, Ill.	57	34	-	3
Rockford, Ill.	34	24	7	1
South Bend, Ind.	52	26	1	2
Toledo, Ohio	146	99	10	5
Youngstown, Ohio	69	45	1	2
WEST NORTH CENTRAL:	781	478	24	40
Des Moines, Iowa	60	38	3	3
Duluth, Minn.*	22	14	1	1
Kansas City, Kans.	29	15	3	1
Kansas City, Mo.	123	81	2	7
Lincoln, Nebr.	37	24	1	1
Minneapolis, Minn.	108	65	1	4
Omaha, Nebr.	76	35	-	4
St. Louis, Mo.	215	125	9	11
St. Paul, Minn.	68	50	-	6
Wichita, Kans.	43	31	4	2
SOUTH ATLANTIC:	1,213	607	39	80
Atlanta, Ga.	134	59	4	8
Baltimore, Md.	242	128	4	17
Charlotte, N. C.	31	8	-	2
Jacksonville, Fla.	69	31	5	-
Miami, Fla.	95	57	1	4
Norfolk, Va.	51	19	4	5
Richmond, Va.	97	48	5	6
Savannah, Ga.	45	20	-	2
St. Petersburg, Fla.	90	74	5	1
Tampa, Fla.	91	52	3	5
Washington, D. C.	230	88	7	29
Wilmington, Del.	38	23	1	1
EAST SOUTH CENTRAL:	592	306	37	38
Birmingham, Ala.	80	40	1	4
Chattanooga, Tenn.	37	21	2	1
Knoxville, Tenn.	33	18	4	4
Louisville, Ky.	131	76	18	3
Memphis, Tenn.	139	62	6	11
Mobile, Ala.	35	17	-	6
Montgomery, Ala.	33	16	2	2
Nashville, Tenn.	104	56	4	7
WEST SOUTH CENTRAL:	1,146	585	43	76
Austin, Tex.	40	26	8	2
Baton Rouge, La.	55	25	-	2
Corpus Christi, Tex.	23	10	-	4
Dallas, Tex.	164	78	3	14
El Paso, Tex.	33	19	2	3
Fort Worth, Tex.	72	39	5	2
Houston, Tex.	218	106	8	16
Little Rock, Ark.	60	31	5	3
New Orleans, La.	138	64	3	11
Oklahoma City, Okla.	79	49	1	4
San Antonio, Tex.	127	70	1	7
Shreveport, La.	61	24	3	4
Tulsa, Okla.	76	44	4	4
MOUNTAIN:	446	258	19	28
Albuquerque, N. Mex.	51	24	5	8
Colorado Springs, Colo.	25	17	5	-
Denver, Colo.	123	77	4	10
Ogden, Utah	18	12	2	-
Phoenix, Ariz.	94	46	1	3
Pueblo, Colo.	19	9	1	1
Salt Lake City, Utah	57	39	1	3
Tucson, Ariz.	59	34	-	3
PACIFIC:	1,580	934	38	73
Berkeley, Calif.	23	18	2	-
Fresno, Calif.	56	22	1	4
Glendale, Calif.	38	22	1	3
Honolulu, Hawaii	39	20	1	3
Long Beach, Calif.	75	47	2	-
Los Angeles, Calif.	461	271	5	20
Oakland, Calif.	81	42	2	5
Pasadena, Calif.	35	23	1	1
Portland, Oreg.	161	98	5	9
Sacramento, Calif.	71	41	3	3
San Diego, Calif.	86	50	1	7
San Francisco, Calif.	203	108	4	12
San Jose, Calif.	37	25	2	2
Seattle, Wash.	134	87	7	2
Spokane, Wash.	41	26	-	2
Tacoma, Wash.	39	34	1	-
Total	12,628	7,284	474	617

*Estimate - based on average percent of divisional total.

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	157,076
All Causes, Age 65 and over	90,930
Pneumonia and Influenza, All Ages	6,398
All Causes, Under 1 Year of Age	7,934

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INTERNATIONAL NOTES
QUARANTINE MEASURES

Immunization Information for International Travel
1965-66 edition—Public Health Service Publication No. 384

Page 16 – Poliomyelitis

Delete all information and insert:

Polio immunization is important for travelers because the disease continues to be present in many parts of the world. Immunization: Oral poliovirus vaccine is the predominant form used in the United States. Two doses of the combined or trivalent vaccine are given 6 to 8 weeks apart, followed by a third dose some 9 to 12 months later. Additional recall doses are recommended before entering elementary school or traveling abroad. Individuals who have received the killed poliovirus vaccine (Salk type) should receive at least one dose of the trivalent oral vaccine before leaving the country.

Page 16 – Measles

Delete all information and insert:

Measles virus vaccine is recommended for all persons who have neither had measles nor been vaccinated previously. It is believed that one dose of live, attenuated vaccine will give life-long protection.

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

Page 73

City:	Fresno, California
Center:	Fresno County Health Department
Clinic Hours:	Tuesday, 1-4 p.m.
Fee:	No

NOTE: PHS Publication No. 384, Immunization Information for International Travel, and the leaflets are in the process of being revised.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 17,000, IS PUBLISHED AT THE NATIONAL COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

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IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE NATIONAL COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
NATIONAL COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE NCDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

U.S. DEPARTMENT OF
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